

Generic PP, Unspecified - Stainless Steel Fiber

Polypropylene

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PP, Unspecified - Stainless Steel Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Stainless steel fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958 - 1.12	g/cm³	ASTM D792
Molding Shrinkage			
Flow: 23°C	1.2 - 1.3	%	ASTM D955
23°C	1.2 - 1.8	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1200 - 1460	MPa	ASTM D638
Flexural Modulus (23°C)	1180 - 1400	MPa	ASTM D790
Flexural Strength (23°C)	27.6 - 28.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160 - 270	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100 - 1200	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	52 - 2.5E+4	ohms	ASTM D257
Volume Resistivity (23°C)	0.51 - 1.0E+4	ohms·cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	79.3 - 82.2	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	210 - 211	°C	
Middle Temperature	237 - 238	°C	
Front Temperature	264 - 266	°C	
Processing (Melt) Temp	207 - 241	°C	
Mold Temperature	42.9 - 55.0	°C	
Injection instructions			

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